

**COPY**

| FORM PTO-1449<br><br><b>INFORMATION DISCLOSURE STATEMENT</b>   |     |                 |  | ATTY. DOCKET NO.<br>1875.1710002     |                               | APPLICATION NO.<br>10/622,708 |             |
|--|-----|-----------------|--|--------------------------------------|-------------------------------|-------------------------------|-------------|
|  |     |                 |  | FIRST NAMED INVENTOR<br>Kwang Y. Kim |                               |                               |             |
|  |     |                 |  | FILING DATE<br>July 21, 2003         |                               | ART UNIT<br>2816              |             |
| <b>U.S. PATENT DOCUMENTS</b>   |     |                 |  |                                      |                               |                               |             |
| EXAMINER INITIAL   |     | DOCUMENT NUMBER | DATE   | NAME                                 | CLASS                         | SUB-CLASS                     | FILING DATE |
| MT   | AA1 | 5,175,752       | 12/29/1992   | Kotchi Yokomizo                      | 377                           | 47                            |             |
|  | AB1 |                 |  |                                      |                               |                               |             |
|  | AC1 |                 |  |                                      |                               |                               |             |
|  | AD1 |                 |  |                                      |                               |                               |             |
|  | AE1 |                 |  |                                      |                               |                               |             |
|  | AF1 |                 |  |                                      |                               |                               |             |
|  | AG1 |                 |  |                                      |                               |                               |             |
|  | AH1 |                 |  |                                      |                               |                               |             |
|  | AI1 |                 |  |                                      |                               |                               |             |
|  | AJ1 |                 |  |                                      |                               |                               |             |
|  | AK1 |                 |  |                                      |                               |                               |             |
| <b>FOREIGN PATENT DOCUMENTS</b>  |     |                 |  |                                      |                               |                               |             |
| EXAMINER INITIAL   |     | DOCUMENT NUMBER | DATE   | COUNTRY                              | CLASS                         | SUB-CLASS                     | TRANSLATION |
|  | AL1 |                 |  |                                      |                               |                               | Yes         |
|  |     |                 |  |                                      |                               |                               | No          |
|  | AM1 |                 |  |                                      |                               |                               | Yes         |
|  |     |                 |  |                                      |                               |                               | No          |
|  | AN1 |                 |  |                                      |                               |                               | Yes         |
|  |     |                 |  |                                      |                               |                               | No          |
|  | AO1 |                 |  |                                      |                               |                               | Yes         |
|  |     |                 |  |                                      |                               |                               | No          |
|  | AP1 |                 |  |                                      |                               |                               | Yes         |
|  |     |                 |  |                                      |                               |                               | No          |
| <b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |     |                 |  |                                      |                               |                               |             |
| MT   | AR  | 1               | Copy of European Search Report for European Appln. 00256374.6 mailed January 4, 2005, 3 pages. |                                      |                               |                               |             |
| MT   | AS  | 1               | Copy of Japanese Abstract for Japanese Appln. JP 64 002417 A, application dated 01/06/1989.    |                                      |                               |                               |             |
|  | AT  | 1               |  |                                      |                               |                               |             |
| EXAMINER <i>mj/hong</i>  |     |                 |  |                                      | DATE CONSIDERED <i>2/3/05</i> |                               |             |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. |     |                 |  |                                      |                               |                               |             |